CARB-X Portfolio Pipeline (as of September 30, 2026)

Therapeutics

Project Status	Product Developer	Product	Syndrome	Development Stage: Hit to Lead	Lead Optimization	Pre-Clinical	First in Human	Post First in Human
Active Project	ArrePath Inc.	Novel LpxH Inhibitors	cUTI/pyelonephritis		■			
	Basilea	Novel Class Antibiotic Targeting LptA	Bloodstream infections	■	■	■	■	
	Bugworks	GYROX Gyrase-topoisomerase inhibitor	cUTI/pyelonephritis		■	■	■	
	Centauri	CTX-187	HABP/VABP	■	■	■		
	Debiopharm	Debio 1453 Ng FabI inhibitor	Sexually transmitted infections	■	■	■	■	
	GangaGen	Klebicins	HABP/VABP	■	■	■		
	Helmholtz CIR	S. aureus α -hemolysin Inhibitors	HABP/VABP	■	■	■		
	Innoviva Specialty Therapeutics	Novel non-beta-lactam PBP inhibitor	HABP/VABP			■		
	Kinvard	Oxepanoprolinamides	CABP		■			
	Locus	LPB-KP01 CRIPSR-Cas3 Bacteriophage	cUTI/pyelonephritis	■	■	■		
	Macro Biologics (Amicrobe)	Amicidin-Beta Solution	Bone Joint			■	■	
	Myers Research Group	Lipoprotein transport inhibitors	cUTI/pyelonephritis	■				
	Tamrisa	EBL-1463 Non -beta-lactam PBP inhibitor	cUTI/pyelonephritis		■	■		
	University of Melbourne	PBT2-antibiotic combination therapeutics	CABP		■			
Graduated Project	Clarametyx BioSciences	CMTX-101 Monoclonal antibody	CABP		■	■		

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Therapeutics

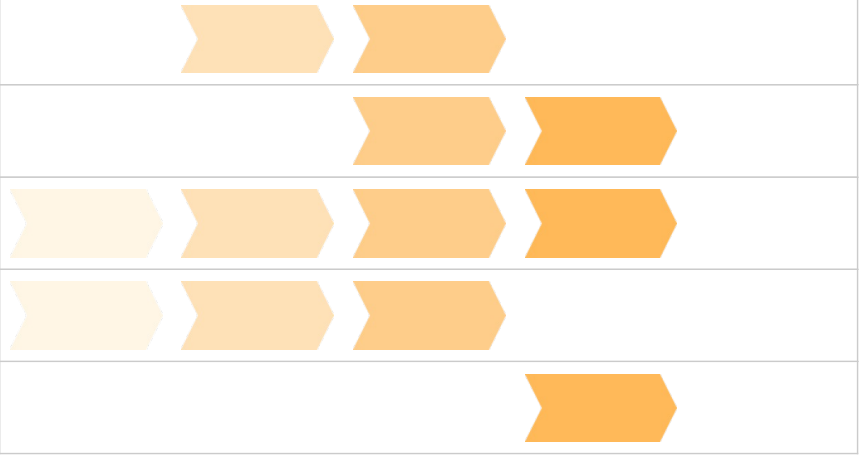
Project Status	Product Developer	Product	Syndrome	Development Stage
				Hit to Lead / Lead Optimization / Pre-Clinical / First in Human / Post First in Human
Graduated Project	Entasis Therapeutics	ETX0282CPDP Oral combination	cUTI/pyelonephritis	Pre-Clinical, First in Human
	GSK	FimH	Recurrent UTI	First in Human
	Iterum Therapeutics	Sulopenem	cUTI/pyelonephritis	Post First in Human
	Oppilotech	LPS		Hit to Lead
	Peptilogics	PLG0206 Direct-acting engineered peptides	Bone Joint	Pre-Clinical, First in Human
	Spero	SPR741	cUTI/pyelonephritis	Lead Optimization, Pre-Clinical, First in Human
	Tetraphase	TP-6076	HABP/VABP	First in Human
	Trellis	TRL1068 Monoclonal antibody	Bone Joint	Pre-Clinical, First in Human

Preventatives

Project Status	Product Developer	Product	Syndrome	Modality	Development Stage
					Hit to Lead / Lead Optimization / Pre-Clinical / First in Human / Post First in Human
Active Project	AdJane	Outer Membrane Vesicle vaccine for Neisseria Gonorrhoeae	Sexually transmitted infections	Vaccine	
	Baxiva AG	Multivalent glycoconjugate vaccine	Recurrent UTI	Vaccine	
	Clarametyx BioSciences	CMTX-301	Recurrent UTI	Vaccine	
	GSK	GSK Strep A vaccine	HEENT	Vaccine	
	Immunartes LLC	Monoclonal antibody for prevention of Staphylococcus aureus invasive disease	Bloodstream infections	Antibody	
	Immunethep	Paragon Novel Vaccine (PNV)	Bloodstream infections	Vaccine	
	LimmaTech	N. gonorrhoeae vaccine	Sexually transmitted infections	Vaccine	
	Lumen	LMN-0403	Diarrheal	Antibody	
	Peptilogics	zaloganon-CR slow release	Bloodstream infections	Other	
	Seres	SER-155-LF	Bloodstream infections	Live Biotherapeutic product	
	SNIPRBiome	SNIPR001 CRISPR-engineered preventative	Bloodstream infections	Bacteriophage	
	Syntiron	Alloy-EK	Recurrent UTI	Vaccine	
	University of Maryland School of Medicine	A multivalent conjugate vaccine that prevents neonatal sepsis caused by Klebsiella pneumoniae	Neonatal sepsis	Vaccine	
	Vaxdyn	K-Vax	HABP/VABP	Vaccine	

Preventatives

Project Status	Product Developer	Product	Syndrome	Modality	Development Stage
					Hit to Lead / Lead Optimization / Pre-Clinical / First in Human / Post First in Human
Active Project	Vedanta	VE707 Microbiome	Recurrent UTI	Live Biotherapeutic product	
Graduated Project	GSK	GSK iNTS-TCV iNTS-typhoid conjugate vaccine	Bloodstream infections	Vaccine	
	LimmaTech	VO2 Multi-valent vaccine	Skin and skin-structure	Vaccine	
	Seres	SER-155	Bloodstream infections	Live Biotherapeutic product	
	Vedanta	VE303	Gastrointestinal	Live Biotherapeutic product	



Diagnostics

Project Status	Product Developer	Product	Syndrome	Result Output	Development Stage: Feasibility	Development Stage: Optimization	Development Stage: Alpha Development and beyond
Active Project	AstraDx, Inc.	Rapid direct-from-blood ID & phenotypic AST	Neonatal sepsis	ID/AST	✓		
	Chembio	Rapid POC DPP test	Typhoid fever	ID			✓
	GenomeKey	Rapid direct-from-blood ID & predictive AST using machine learning & WGS	Bloodstream infections	ID/AMR	✓	✓	✓
	Melio	Rapid direct-from-blood ID & AMR using DNA melt curves	Neonatal sepsis	ID/AMR	✓		
	QuantaMatrix	Rapid direct-from-blood ID & AMR using Quick Multiplexed Assay Platform	Neonatal sepsis	ID/AMR	✓		
	Scout (formerly Uh-Oh Labs)	STI Scout - POC rapid test to detect Ng and Ct and AMR	Sexually transmitted infections	ID	✓	✓	✓
	Visby	At-home rapid test to detect Ng, Ct, Tv and AMR	Sexually transmitted infections	ID/AST	✓	✓	✓
Graduated Project	Avails	Rapid post-blood culture electronic AST	Bloodstream infections	ID/AMR	✓	✓	✓
	Day Zero	Rapid direct-from-blood ID & predictive AST using machine learning & WGS	Bloodstream infections	ID/AMR		✓	✓
	HelixBind, Inc.	RaPID/BSI - Rapid direct-from-blood ID & AMR using molecular technology	Bloodstream infections	ID			✓
	Pattern	ID & AST using digital culture single cell biometric analysis	HABP/VABP	ID/AST	✓	✓	✓
	Proteus	Gram-status and active infection detection using optical bacterial imaging	Respiratory - Other	ID			✓
	Specific	VITEK REVEAL™	Bloodstream infections	ID/AST			✓
	T2	T2Resistance	Bloodstream infections	ID/AMR		✓	✓

Seed

Project Status	Product Type	Product Developer	Product	Syndrome
Active Project	Therapeutic	JLU Giessen	Darobactins	cUTI/pyelonephritis
	Preventative	Phiogen	PHI-BI-01	Bloodstream infections
	Diagnostic	Exhalon	ID using real-time mass spectrometry breath analysis	Respiratory - Other
		Pearl Diagnostics Inc.	ID from urine using smart-Ab development	Respiratory - Other
		Prompt Diagnostics LLC	POC rapid test to detect Ng, Ct, Tv, and AMR	Sexually transmitted infections
		ProtonDx	Direct-from-blood ID using host response multiclass signatures	Respiratory - Other
		Rhode Island Hospital	Direct-from-blood ID using RNA sequencing-informed PCR	Respiratory - Other
		Zeteo Tech	ID from exhaled breath using mass spectrometry	Respiratory - Other
Formerly Funded Project	Diagnostic	Fuse Diagnostics	Apex CT/NG - POC rapid test to detect Ng and Ct	Sexually transmitted infections

Formerly Funded Therapeutics

Product Developer	Product	Syndrome	Development Stage
			Hit to Lead / Lead Optimization / Pre-Clinical / First in Human
Achaogen	AKAO-LpxC	HABP/VABP	
	Next-Generation AG	cUTI/pyelonephritis	
Antabio	PEI Pseudomonas elastase inhibitor	Cystic fibrosis-associated	
Basilea	DXR novel class Inhibitor	HABP/VABP	
BB100	BB100 Monoclonal antibody	cUTI/pyelonephritis	
Bioversys	AVATAR-SA Anti-virulence agent	Skin and skin-structure	
	BV300 novel pyrrolocytosines	HABP/VABP	
Cellics	Macrophage Nanosponges	Sepsis - Other	
Cidara	CD201	HABP/VABP	
ContraFect	Amurins. Phage-encoded lytic	Cystic fibrosis-associated	
	Gram-negative lysins	HABP/VABP	
Curza	CZ-02	cUTI/pyelonephritis	
Debiopharm	Debio 1454	HABP/VABP	

Formerly Funded Therapeutics

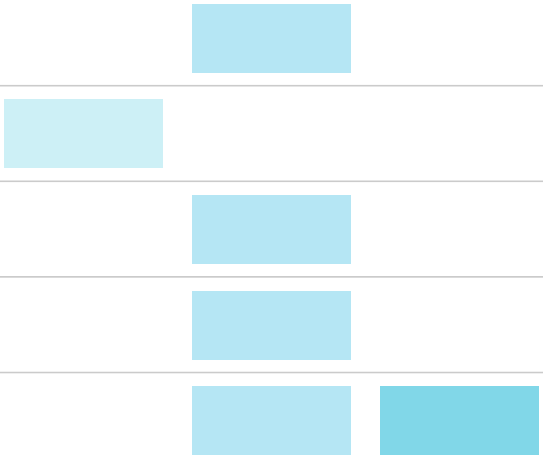
Product Developer	Product	Syndrome	Development Stage
			Hit to Lead / Lead Optimization / Pre-Clinical / First in Human
EligoChem	Helical Antimicrobial Peptides	HABP/VABP	
Entasis Therapeutics	Non-beta-lactam PBPi	HABP/VABP	
Evotec	TriBE broad spectrum antibiotics	cUTI/pyelonephritis	
Forge	LpxC inhibitor	cUTI/pyelonephritis	
		HABP/VABP	
Helmholtz	Elastase (LasB) Inhibitors	HABP/VABP	
Helmholtz IPS	DnaN inhibitors for CABP infections	CABP	
Idorsia	TopESKAPE Topoisomerase inhibitor	cUTI/pyelonephritis	
InhibRx	INBRX-111	HABP/VABP	
Lytica	StAMPs	HABP/VABP	
Melinta	Pyrrolocytosine	cUTI/pyelonephritis	
Microbion	Novel bismuthiol, Pravibismane suspension	Cystic fibrosis-associated	
Microbiotix	T3SS inhibitors	HABP/VABP	

Formerly Funded Therapeutics

Product Developer	Product	Syndrome	Development Stage: Hit to Lead	Lead Optimization	Pre-Clinical	First in Human
Microbiotix	Trans-translation inhibitors	Sexually transmitted infections				
MicuRx	MRX-8 Soft drug polymyxin	cUTI/pyelonephritis				
ODD	aa-tRNA synthetase inhibitors	cUTI/pyelonephritis				
Phico	SASPject PT3.9 Engineered Bacteriophage	HABP/VABP				
Procarta	PRO-202	cUTI/pyelonephritis				
Recida	RC-01	cUTI/pyelonephritis				
Redx	NBTi	HABP/VABP				
Shionogi	AGN-BL	HABP/VABP				
Spexis	OMPTA POL7306	HABP/VABP				
Summit	SMT-571	Sexually transmitted infections				
	SMT-738 first-in-class LolCDE targeting antibiotic	cUTI/pyelonephritis				
TAXIS Pharmaceuticals	EPI-PA Efflux Pump Inhibitor	HABP/VABP				
Techulon	PPNA-23X	Intra-abdominal				

Formerly Funded Therapeutics

Product Developer	Product	Syndrome	Development Stage: Hit to Lead	Lead Optimization	Pre-Clinical	First in Human
UofQ	OctaPeptinX (OPX) Engineered peptides	HABP/VABP				
Venatorx	Oral cyclic-boronate PBP inhibitor	Sexually transmitted infections				
	βla-resistant PBP inhibitor	uUTI				
Visterra	VIS705	HABP/VABP				
Zikani	Novel macrolide antibiotic	cUTI/pyelonephritis				



Formerly Funded Preventatives

Product Developer	Product	Syndrome	Modality	Development Stage
				Hit to Lead / Lead Optimization / Pre-Clinical / First in Human
Affinivax	MAPS Vaccine	Skin and skin-structure	Vaccine	
Eligo	EB004 CRISPR-based bacteriophage	Transplant-related	Other	
Facile	Ebselen Prevention of C.difficile recurrence	Gastrointestinal	Other	
GlyProVac	GPV02 – Towards first pan E. coli glycosylated protein vaccine	cUTI/pyelonephritis	Vaccine	
Idorsia	SEMI-SYNTHETIC CONJUGATE VACCINE	HABP/VABP	Vaccine	
Jenner	NOMV Vaccine	Sexually transmitted infections	Vaccine	
SciBac Inc.	SCB-102	Gastrointestinal	Live Biotherapeutic product	
Vaxcyte	GAS Carbohydrate conjugate vaccine	HEENT	Vaccine	

Formerly Funded Diagnostics

Product Developer	Product	Syndrome	Result Output	Development Stage: Feasibility	Development Stage: Optimization	Development Stage: Alpha Development and beyond
Accelerate	Post-blood culture AST using SRS optical imaging	Bloodstream infections	ID/AST			
Baebies	Post-blood culture ID using FINDER	Neonatal sepsis	ID/AMR			
MicrobeDx	UroLogic rapid ID and AST	Recurrent UTI	ID/AST			
Module	AST using ASTSENSe technology	uUTI	ID/AST			
Novel	POC rapid test to detect Ng and Ct and AMR	Sexually transmitted infections	ID/AMR			
SpeeDx	Resistance Plus InSignia rapid molecular ID/AST test kit	Sexually transmitted infections	ID/AST			
Talis	TALIS ONE - POC rapid test to detect Ng, Ct, and AMR	Sexually transmitted infections	ID/AST			